

	ld	DER_mass	DER_mass	DER_mass	DER_pt_h	DER_delta	DER_mass	DER_prod	DER_delta	DER_pt_tot	DER_sum	DER_pt_ra	DER_met	DER_lep_e	PRI_tau_p	PRI_tau_e	PRI_tau_p	PRI_lep_p	PRI_lep_e	PRI_lep_pt
Id	✗ 1	-0.004	0.0186	-0.004	0.0125	0.0119	0.0162	0.0118	-0.021	0.0106	0.0099	0.0102	-0.014	0.0119	-0.009	0.0116	-0.008	0.0121	-0.012	-0.009
DER_mass_MMC	-0.004	✗ 1	-0.442	0.1931	0.1852	0.1524	0.1506	0.1523	0.24	0.0575	0.188	-0.022	0.3325	0.1524	0.1422	0.0148	0.0165	0.1061	0.0201	-0.01
DER_mass_transver	0.0186	-0.442	✗ 1	0.1803	-0.257	-0.199	-0.203	-0.199	0.0443	-0.013	-0.16	0.3394	-0.42	-0.199	-0.147	0.0057	-0.005	0.3035	-0.009	0.024
DER_mass_vis	-0.004	0.1931	0.1803	✗ 1	-0.077	-0.035	-0.041	-0.035	0.6021	-0.004	0.0694	0.091	-0.101	-0.035	0.275	0.0177	0.0029	0.4071	-0.003	-0.003
DER_pt_h	0.0125	0.1852	-0.257	-0.077	✗ 1	0.536	0.5414	0.536	-0.542	0.3394	0.8359	0.0615	0.5514	0.5361	0.4145	0.0223	-0.012	0.3374	0.0429	-0.019
DER_deltaeta_jet	0.0119	0.1524	-0.199	-0.035	0.536	✗ 1	✗ 0.9443	✗ 1	-0.295	0.3034	0.6776	0.0157	0.389	✗ 1	0.198	0.018	-0.005	0.1492	0.0317	-0.026
DER_mass_jet_jet	0.0162	0.1506	-0.203	-0.041	0.5414	✗ 0.9443	✗ 1	✗ 0.9427	-0.295	0.2755	0.6811	0.0055	0.3878	✗ 0.9439	0.207	0.0167	0.0052	0.1507	0.0298	-0.023
DER_prodetajet_j	0.0118	0.1523	-0.199	-0.035	0.536	✗ 1	✗ 0.9427	✗ 1	-0.295	0.3041	0.6779	0.016	0.3887	✗ 1	0.1979	0.0179	-0.005	0.1494	0.0317	-0.026
DER_deltar_tau_1e	-0.021	0.24	0.0443	0.6021	-0.542	-0.295	-0.295	✗ 1	-0.172	-0.428	0.0487	-0.213	-0.295	-0.197	0.0002	0.0101	-0.057	-0.015	0.0002	
DER_pt_tot	0.0106	0.0575	-0.013	-0.004	0.3394	0.3034	0.2755	0.3041	-0.172	✗ 1	0.4138	0.0358	0.2109	0.3036	0.1354	0.0123	0.014	0.1272	0.0242	-0.006
DER_sum_pt	0.0099	0.188	-0.16	0.0694	0.8359	0.6776	0.6811	0.6779	-0.428	0.4138	✗ 1	0.0825	0.4305	0.6778	0.4883	0.0213	-0.007	0.4391	0.0362	-0.024
DER_pt_ratio_lep	0.0102	-0.022	0.3394	0.091	0.0615	0.0157	0.0055	0.016	0.0487	0.0358	0.0825	✗ 1	-0.044	0.0157	-0.498	0.016	0.0041	0.6893	0.0207	0.0016
DER_met_phi_cent	-0.014	0.3325	-0.42	-0.101	0.5514	0.389	0.3878	0.3887	-0.213	0.2109	0.4305	-0.044	✗ 1	0.3889	0.1489	0.0129	-0.005	0.0456	0.032	0.0024
DER_lep_eta_cent	0.0119	0.1524	-0.199	-0.035	0.5361	✗ 1	✗ 0.9439	✗ 1	-0.295	0.3036	0.6778	0.0157	0.3889	✗ 1	0.198	0.018	-0.005	0.1493	0.0317	-0.026
PRI_tau_pt	-0.009	0.1422	-0.147	0.275	0.4145	0.198	0.207	0.1979	-0.197	0.1354	0.4883	-0.498	0.1489	0.198	✗ 1	-0.006	-0.015	0.0961	-0.006	-0.006
PRI_tau_eta	0.0116	0.0148	0.0057	0.0177	0.0223	0.018	0.0167	0.0179	0.0002	0.0123	0.0213	0.016	0.0129	0.018	-0.006	✗ 1	-0.002	0.0169	0.5732	0.0129
PRI_tau_phi	-0.008	0.0165	-0.005	0.0029	-0.012	-0.005	0.0052	-0.005	0.0101	0.014	-0.007	0.0041	-0.005	-0.005	-0.015	-0.002	✗ 1	-0.004	-0.006	-0.207
PRI_lep_pt	0.0121	0.1061	0.3035	0.4071	0.3374	0.1492	0.1507	0.1494	-0.057	0.1272	0.4391	0.6893	0.0456	0.1493	0.0961	0.0169	-0.004	✗ 1	0.0281	-0.004
PRI_lep_eta	-0.012	0.0201	-0.009	-0.003	0.0429	0.0317	0.0298	0.0317	-0.015	0.0242	0.0362	0.0207	0.032	0.0317	-0.006	0.5732	-0.006	0.0281	✗ 1	0.0111
PRI_lep_phi	-0.009	-0.01	0.024	-0.003	-0.019	-0.026	-0.023	-0.026	0.0002	-0.006	-0.024	0.0016	0.0024	-0.026	-0.006	0.0129	-0.207	-0.004	0.0111	✗ 1
PRI_met	0.0315	-0.234	0.1791	-0.113	0.6863	0.3209	0.3374	0.321	-0.413	0.2521	0.5323	0.0432	0.1967	0.321	0.1608	0.0131	-0.017	0.1605	0.0253	-0.008
PRI_met_phi	0.008	-0.018	-0.015	-0.001	-0.026	-0.011	-0.008	-0.011	0.0257	0.0045	-0.023	0.0063	-0.01	-0.011	-0.045	-0.019	0.0477	-0.028	-0.004	0.0165
PRI_met_sumet	0.0095	0.2084	-0.172	0.0421	0.7892	0.625	0.6188	0.6253	-0.399	0.4882	✗ 0.9041	0.0277	0.4314	0.6252	0.4483	0.0119	-6E-04	0.3487	0.0281	-0.027
PRI_jet_num	0.0061	0.2043	-0.231	-0.041	0.6415	0.8702	0.8157	0.8704	-0.357	0.3935	0.7669	0.0389	0.508	0.8703	0.2163	0.0287	-0.003	0.1842	0.0438	-0.019
PRI_jet_leading_p	0.005	0.232	-0.239	-0.032	0.637	0.5547	0.5292	0.5547	-0.351	0.2253	0.6431	0.0286	0.5628	0.5547	0.2095	0.0344	0.0032	0.172	0.0473	0.0003
PRI_jet_leading_e	0.0037	0.2298	-0.231	-0.027	0.5826	0.5319	0.502	0.5319	-0.322	0.2094	0.5852	0.0245	0.5494	0.5319	0.1822	0.0346	0.0039	0.1492	0.0466	0.0026
PRI_jet_leading_p	0.0037	0.2298	-0.231	-0.027	0.5826	0.5319	0.502	0.5319	-0.322	0.2094	0.5852	0.0244	0.5494	0.5319	0.1823	0.0341	0.0034	0.1492	0.0461	0.002
PRI_jet_subleadir	0.012	0.1523	-0.199	-0.036	0.5442	✗ 0.9993	✗ 0.9461	✗ 0.9993	-0.299	0.3114	0.6939	0.0173	0.3901	✗ 0.9993	0.202	0.0181	-0.005	0.1535	0.0319	-0.026
PRI_jet_subleadir	0.0119	0.1524	-0.199	-0.035	0.5361	✗ 1	✗ 0.9438	✗ 1	-0.295	0.3037	0.6778	0.0158	0.3889	✗ 1	0.1979	0.0182	-0.004	0.1494	0.032	-0.026
PRI_jet_subleadir	0.0119	0.1524	-0.199	-0.035	0.5361	✗ 1	✗ 0.9438	✗ 1	-0.295	0.3037	0.6778	0.0158	0.3889	✗ 1	0.198	0.018	-0.005	0.1494	0.0317	-0.026
PRI_jet_all_pt	0.011	0.1662	-0.218	-0.064	0.8148	0.7167	0.7185	0.717	-0.444	0.4269	✗ 0.9691	0.0613	0.4605	0.7169	0.3314	0.0227	-0.004	0.283	0.0378	-0.026

	PRI_met	PRI_met_g	PRI_met_s	PRI_jet_nu	PRI_jet_le	PRI_jet_le	PRI_jet_le	PRI_jet_su	PRI_jet_su	PRI_jet_su	PRI_jet_all_pt
Id	0.0315	0.008	0.0095	0.0061	0.005	0.0037	0.0037	0.012	0.0119	0.0119	0.011
DER_mass_MMC	-0.234	-0.018	0.2084	0.2043	0.232	0.2298	0.2298	0.1523	0.1524	0.1524	0.1662
DER_mass_transver	0.1791	-0.015	-0.172	-0.231	-0.239	-0.231	-0.231	-0.199	-0.199	-0.199	-0.218
DER_mass_vis	-0.113	-0.001	0.0421	-0.041	-0.032	-0.027	-0.027	-0.036	-0.035	-0.035	-0.064
DER_pt_h	0.6863	-0.026	0.7892	0.6415	0.637	0.5826	0.5826	0.5442	0.5361	0.5361	0.8148
DER_deltaeta_jet	0.3209	-0.011	0.625	0.8702	0.5547	0.5319	0.5319	0.9993	1	1	0.7167
DER_mass_jet_jet	0.3374	-0.008	0.6188	0.8157	0.5292	0.502	0.502	0.9461	0.9438	0.9438	0.7185
DER_prodeteta_jet_j	0.321	-0.011	0.6253	0.8704	0.5547	0.5319	0.5319	0.9993	1	1	0.717
DER_deltar_tau_le	-0.413	0.0257	-0.399	-0.357	-0.351	-0.322	-0.322	-0.299	-0.295	-0.295	-0.444
DER_pt_tot	0.2521	0.0045	0.4882	0.3935	0.2253	0.2094	0.2094	0.3114	0.3037	0.3037	0.4269
DER_sum_pt	0.5323	-0.023	0.9041	0.7669	0.6431	0.5852	0.5852	0.6939	0.6778	0.6778	0.9691
DER_pt_ratio_lep	0.0432	0.0063	0.0277	0.0389	0.0286	0.0245	0.0244	0.0173	0.0158	0.0158	0.0613
DER_met_phi_cent	0.1967	-0.01	0.4314	0.508	0.5628	0.5494	0.5494	0.3901	0.3889	0.3889	0.4605
DER_lep_eta_cent	0.321	-0.011	0.6252	0.8703	0.5547	0.5319	0.5319	0.9993	1	1	0.7169
PRI_tau_pt	0.1608	-0.045	0.4483	0.2163	0.2095	0.1822	0.1823	0.202	0.1979	0.198	0.3314
PRI_tau_eta	0.0131	-0.019	0.0119	0.0287	0.0344	0.0346	0.0341	0.0181	0.0182	0.018	0.0227
PRI_tau_phi	-0.017	0.0477	-6E-04	-0.003	0.0032	0.0039	0.0034	-0.005	-0.004	-0.005	-0.004
PRI_lep_pt	0.1605	-0.028	0.3487	0.1842	0.172	0.1492	0.1492	0.1535	0.1494	0.1494	0.283
PRI_lep_eta	0.0253	-0.004	0.0281	0.0438	0.0473	0.0466	0.0461	0.0319	0.032	0.0317	0.0378
PRI_lep_phi	-0.008	0.0165	-0.027	-0.019	0.0003	0.0026	0.002	-0.026	-0.026	-0.026	-0.026
PRI_met	1	-0.02	0.5048	0.3521	0.3152	0.2679	0.268	0.3281	0.3211	0.321	0.5529
PRI_met_phi	-0.02	1	-0.025	-0.01	-0.009	-0.007	-0.008	-0.011	-0.011	-0.011	-0.012
PRI_met_sumet	0.5048	-0.025	1	0.7105	0.5938	0.5415	0.5416	0.6394	0.6252	0.6252	0.8848
PRI_jet_num	0.3521	-0.01	0.7105	1	0.8362	0.821	0.821	0.8723	0.8703	0.8703	0.8097
PRI_jet_leading_p	0.3152	-0.009	0.5938	0.8362	1	0.9963	0.9963	0.5558	0.5547	0.5547	0.6691
PRI_jet_leading_e	0.2679	-0.007	0.5415	0.821	0.9963	1	1	0.5316	0.5319	0.5319	0.6122
PRI_jet_leading_p	0.268	-0.008	0.5416	0.821	0.9963	1	1	0.5316	0.5319	0.5319	0.6122
PRI_jet_subleadir	0.3281	-0.011	0.6394	0.8723	0.5558	0.5316	0.5316	0.9993	0.9993	0.9993	0.734
PRI_jet_subleadir	0.3211	-0.011	0.6252	0.8703	0.5547	0.5319	0.5319	0.9993	1	1	0.7169
PRI_jet_subleadir	0.321	-0.011	0.6252	0.8703	0.5547	0.5319	0.5319	0.9993	1	1	0.7169
PRI_jet_all_pt	0.5529	-0.012	0.8848	0.8097	0.6691	0.6122	0.6122	0.734	0.7169	0.7169	1